



**FABRICS &
MESHES**

Sunbrella Meshes & Fabrics in Stock

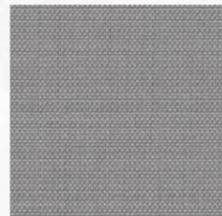
MESHES



**Sunbrella
Sling Odyssey**
5928 0043
AUGUSTINE DENIM
Class: C



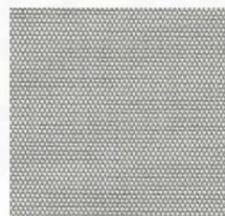
**Sunbrella
Sling Odyssey**
SLI 50045 18 137
LOGAN GRAPHITE
Class: C



**Sunbrella
Sling Odyssey**
SLI 5928 44 137
AUGUSTINE SILVER
Class: C



**Sunbrella
Sling Odyssey**
SLI 50045 06 137
LOGAN SAND
Class: C



**Sunbrella
Sling Odyssey**
SLI 50143 10 137
SAILING SEAGULL
Class: C

FABRICS



**Sunbrella
Bahia Ikebana**
IKE J 369 140
Uyuni
Class: E



**Sunbrella
Odyssey Natte**
NAT 10150 140
Taupe Chalk
Class: C



**Sunbrella
Odyssey Solids &
Stripes**
SJA 3756 137
Lead Chine
Class: B



**Sunbrella
Odyssey Solids &
Stripes**
SJA 3965 137
Blush
Class: B



**Sunbrella
Odyssey Natte**
NAT 10020 140
White
Class: C



**Sunbrella
Odyssey Solids &
Stripes**
SJA 3729 137
Taupe
Class: B



**Sunbrella
Odyssey Solids &
Stripes**
SJA 3757 137
Flanelle
Class: B



**Sunbrella
Odyssey Solids &
Stripes**
SJA 3778 137
Quadri Grey
Class: B

PLAIN MELANGE

Water-repellent fabric with anti-stain and anti-mould treatment, high colour fastness and resistance to sunlight exposure. Plain Melange is characterised by its design, fineness, and the soft touch. It can be used in- and outdoor.

PLAIN MELANGE



016



018



020



070



072



079



583



690



693



694



783



833



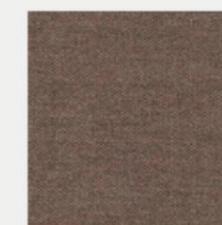
834



835



870



872

Colors may slightly vary due to photographic lighting sources or your monitor settings.



874



875



876



879



882



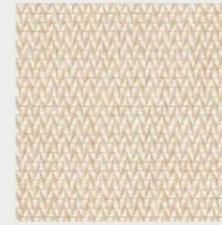
PRODUCT SPECIFICATIONS

| | |
|--|--|
| TIPOLOGY | 100% solution dyed acrylic outdoor fabric. |
| CHARACTERISTICS | Water-repellent fabric with anti-stain and anti-mould treatment, high colour fastness and resistant to sunlight exposure. The fabric is characterised by its design and fineness, by the soft touch and can be used in- and outdoor. |
| APPLICATIONS | Indoor and outdoor furniture: upholstery, cushions, draperies sheers. Suitable also for marine upholstery. |
| WARRANTY | Irisun Living fabrics are guaranteed for 5 years concerning the UV resistance and the colour fastness. The warranty is valid in case of respect of the application of the fabric and of the instructions for care and cleaning. |
| FEATURES | Uv Rays Protection Shield |
| | Water Repellent Stain Resistant Mildew Resistant |
| | Breathable Fearless Fabric |
| | Bleach Cleanable Fade Resistant |
| WIDTH | 137 cm |
| ROLL LENGTH | 30 m |
| WEIGHT | 240 gr/m ² |
| MARTINDALE | 15000 cycles |
| OIL-REPELLENCY | 5 off 8 |
| SPRAY TEST | 5 off 5 |
| UV COLOUR FASTNESS | 7 off 8 |
| COLOUR FASTNESS TO WEATHER | 7 off 8 |
| COLOUR FASTNESS AFTER WASHING AT 40 C | 5 off 5 |
| FLAME RESISTANCE | CAL TB 117 - 2013 Section 1 |
| FLAME RESISTANCE | Indoor and outdoor furniture: upholstery, cushions, draperies e sheers. Suitable also for marine upholstery. |
| TOLERANCE | ±5% |
| BIOCIDES | It contains biocidal agent with approved active substances: Octyl Isothiazolinone |

LIVIO

Livio comes in a range of 10 colours and creates a unique reflection of neutral backgrounds with crosswise yarns.

LIVIO



01



03



04



12



08



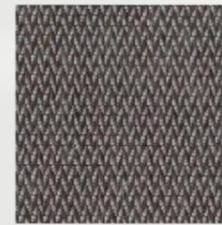
22



21



26



27



28



TECNICAL CHARACTERISTIC

| | | |
|----------------|-----------------------------------|-----------------|
| QUALITY NAME | | LIVIO |
| WIDTH | | 140 CM +/- 1 CM |
| WEIGHT | | 355 GR/M2 |
| COMPOSITION | | % 100 OLEFIN |
| TEST | STANDARD | |
| PILLING | EN ISO 12945-2 : 2000 (5000 revs) | 4-5 |
| SEAM SLIPPAGE | WEFT | 4,8 mm |
| | WARP | 4,6 mm |
| ABRASSION | EN ISO 12945-2 : 1998 | 20.000 |
| COLOR | RUBBING DRY | 4-5 |
| | WET | 4-5 |
| | LIGHT | 7-8 |
| OIL REPELLENCY | ISO EN 14419 | 3 |
| SPRAY TEST | BS EN ISO 1920 | 4-5 |
| FLAMMIBILITY | EN ISO 1021-1 | Pass |
| ANTI BACTERIAL | LIS L 1902 | Pass |

COLOR RESISTANCE

| FASTNESS TO | STANDARD | Varies according to the value written next to the product name | | | |
|-------------|-------------------------|--|-----|-----|------|
| | | LOD | OD | OD+ | OD++ |
| LIGHT | BS EN ISO 105-B02 | 7 | 7 | 7/8 | 8 |
| WEATHERING | BS EN ISO 105-B04 | 6 | 6/7 | 7 | 7/8 |
| UV | ASTM G-154 (1200 Hours) | 4 | 4 | 4/5 | 5 |
| WASHING | BS EN ISO 105-C06 40 C | 4/5 | | | |
| SEA WATER | BS EN ISO 105-E02 | 4/5 | | | |
| POOL WATER | BS EN ISO 105-E03 | 4/5 | | | |
| RUBBING | BS EN ISO 105-X12 | 4/5 | | | |

CARE AND MAINTANCE INSTRUCTIONS

- 1- Remove any residual soil by lightly brushing or scraping the stain by sponging down with water
 - 2- If further cleaning needed, apply a solution with soap an water. Work the solution into stain by lightly scrubbing the area with sponge or very soft bristle brush
 - 3 Remove cleaning solutions with a clean soft towel or sponge to remove the stain and excess cleaning solution. (Repeat step 2 and 3 until stain is removed.)
 - 4- Rinse the affected are throughly remove cleaning solution from the fabric
- Vacuum the fabric prior to cleaning
- Do not be alarmed if stain is not removed after first application and removal of cleaning solution
- If the fabric can be removed from furniture it may be cleaned in a mild soap and warm water (40 C°) solution in washing machine and dried in an environment also less then 40 C°.
- Do not steam press or dry in electric or gas dryers. Allow fabric to be air dried naturally

REMARKS

Do not leave your product after 50 C° outside temperature under directly sunlight

Results can be vary region by region

The values for the products my have a varition of +/- %5

Art Picture is for indoor use only

MIRELLA

Mirella comes with 5 different compositions of thin and thick stripes. This mix is ideal to create out of the ordinary outdoor spaces.

MIRELLA



01



09



24



23



25



TECNICAL CHARACTERISTIC

| | | |
|----------------|-----------------------------------|-----------------|
| QUALITY NAME | | MIRELLA |
| WIDTH | | 140 CM +/- 1 CM |
| WEIGHT | | 206 GR/M2 |
| COMPOSITION | | % 100 OLEFIN |
| TEST | STANDARD | |
| PILLING | EN ISO 12945-2 : 2000 (5000 revs) | 4 |
| SEAM SLIPPAGE | WEFT | 2,5 mm |
| | WARP | 3,0 mm |
| ABRASSION | EN ISO 12945-2 : 1998 | 13.000 |
| COLOR | RUBBING DRY | 4-5 |
| | WET | 4-5 |
| | LIGHT | 7-8 |
| OIL REPELLENCY | ISO EN 14419 | 3 |
| SPRAY TEST | BS EN ISO 1920 | 4-5 |
| FLAMMIBILITY | EN ISO 1021-1 | Pass |
| ANTI BACTERIAL | LIS L 1902 | Pass |

COLOR RESISTANCE

| FASTNESS TO | STANDARD | Varies according to the value written next to the product name | | | |
|-------------|-------------------------|--|-----|-----|------|
| | | LOD | OD | OD+ | OD++ |
| LIGHT | BS EN ISO 105-B02 | 7 | 7 | 7/8 | 8 |
| WEATHERING | BS EN ISO 105-B04 | 6 | 6/7 | 7 | 7/8 |
| UV | ASTM G-154 (1200 Hours) | 4 | 4 | 4/5 | 5 |
| WASHING | BS EN ISO 105-CD6 40 C | 4/5 | | | |
| SEA WATER | BS EN ISO 105-E02 | 4/5 | | | |
| POOL WATER | BS EN ISO 105-E03 | 4/5 | | | |
| RUBBING | BS EN ISO 105-X12 | 4/5 | | | |

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NARIO

Nario has a range of 8 different colours that create a beautiful harmony when combined together in outdoor spaces.

NARIO



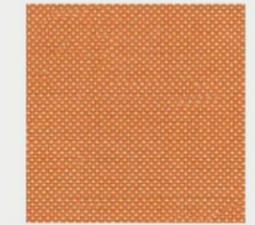
01



100



18



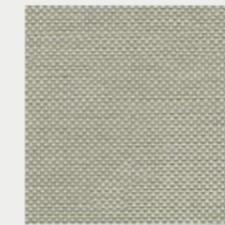
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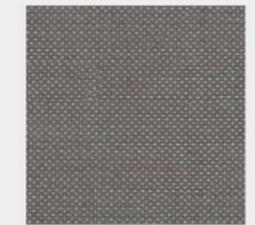
32



28



33



34



TECNICAL CHARACTERISTIC

| | | | |
|----------------|---------|-----------------------------------|--------|
| QUALITY NAME | | NARIO | |
| WIDTH | | 140 CM +/- 1 CM | |
| WEIGHT | | 263 GR/M2 | |
| COMPOSITION | | % 100 OLEFIN | |
| TEST | | STANDARD | |
| PILLING | | EN ISO 12945-2 : 2000 (5000 revs) | 4-5 |
| SEAM SLIPPAGE | WEFT | 13936-2 : 2004 | 4,8 mm |
| | WARP | | 4,6 mm |
| ABRASSION | | EN ISO 12945-2 : 1998 | 23.000 |
| COLOR | RUBBING | BS EN 105-X12 : 2001 | 4-5 |
| | DRY | | 4-5 |
| | WET | 7-8 | |
| OIL REPELLENCY | | ISO EN 14419 | 3 |
| SPRAY TEST | | BS EN ISO 1920 | 4-5 |
| FLAMMIBILITY | | EN ISO 1021-1 | Pass |
| ANTI BACTERIAL | | LIS L 1902 | Pass |

COLOR RESISTANCE

| | | | | | |
|-------------|-------------------------|--|-----|-----|------|
| FASTNESS TO | STANDARD | Varies according to the value written next to the product name | | | |
| | | LOD | OD | OD+ | OD++ |
| LIGHT | BS EN ISO 105-B02 | 7 | 7 | 7/8 | 8 |
| WEATHERING | BS EN ISO 105-B04 | 6 | 6/7 | 7 | 7/8 |
| UV | ASTM G-154 (1200 Hours) | 4 | 4 | 4/5 | 5 |
| WASHING | BS EN ISO 105-C06 40 C | 4/5 | | | |
| SEA WATER | BS EN ISO 105-E02 | 4/5 | | | |
| POOL WATER | BS EN ISO 105-E03 | 4/5 | | | |
| RUBBING | BS EN ISO 105-X12 | 4/5 | | | |

CARE AND MAINTANCE INSTRUCTIONS

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TELMA

Telma has a range of 8 solid colours and reflects the beautiful effect of two-coloured linen weaving.

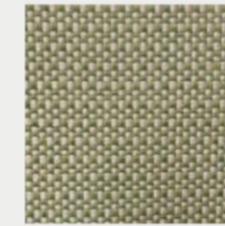
TELMA



101



103



15



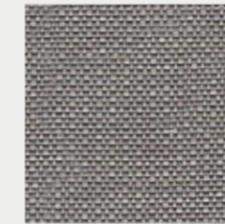
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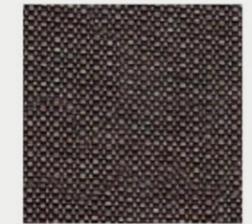
122



22



126



128



TECNICAL CHARACTERISTIC

| | | | |
|----------------|---------|-----------------------------------|-----------------|
| QUALITY NAME | | | TELMA |
| WIDTH | | | 140 CM +/- 1 CM |
| WEIGHT | | | 343 GR/M2 |
| COMPOSITION | | | % 100 OLEFIN |
| TEST | | STANDARD | |
| PILLING | | EN ISO 12945-2 : 2000 (5000 revs) | 4-5 |
| SEAM SLIPPAGE | WEFT | 13936-2 : 2004 | 4,8 mm |
| | WARP | | 4,6 mm |
| ABRASSION | | EN ISO 12945-2 : 1998 | 50.000 |
| COLOR | RUBBING | BS EN 105-X12 : 2001 | 4-5 |
| | DRY | | 4-5 |
| | WET | BS EN 105-B02 : 1994 | 7-8 |
| OIL REPELLENCY | | ISO EN 14419 | 3 |
| SPRAY TEST | | BS EN ISO 1920 | 4-5 |
| FLAMMIBILITY | | EN ISO 1021-1 | Pass |
| ANTI BACTERIAL | | LIS L 1902 | Pass |

COLOR RESISTANCE

| FASTNESS TO | STANDARD | Varies according to the value written next to the product name | | | |
|-------------|-------------------------|--|-----|-----|------|
| | | LOD | OD | OD+ | OD++ |
| LIGHT | BS EN ISO 105-B02 | 7 | 7 | 7/8 | 8 |
| WEATHERING | BS EN ISO 105-B04 | 6 | 6/7 | 7 | 7/8 |
| UV | ASTM G-154 (1200 Hours) | 4 | 4 | 4/5 | 5 |
| WASHING | BS EN ISO 105-C06 40 C | 4/5 | | | |
| SEA WATER | BS EN ISO 105-E02 | 4/5 | | | |
| POOL WATER | BS EN ISO 105-E03 | 4/5 | | | |
| RUBBING | BS EN ISO 105-X12 | 4/5 | | | |

CARE AND MAINTANCE INSTRUCTIONS

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- Do not steam press or dry in electric or gas dryers. Allow fabric to be air dried naturally

REMARKS

VERO

Vero comes in a range of 7 different colours and has a holistic design understanding together with modern patterns and glossy, elegant look.

VERO



101



01



10



109



24



23



25



TECNICAL CHARACTERISTIC

| | | | |
|----------------|---------|-----------------------------------|--------|
| QUALITY NAME | | VERO | |
| WIDTH | | 140 CM +/- 1 CM | |
| WEIGHT | | 318 GR/M2 | |
| COMPOSITION | | % 100 OLEFIN | |
| TEST | | STANDARD | |
| PILLING | | EN ISO 12945-2 : 2000 (5000 revs) | 4 |
| SEAM SLIPPAGE | WEFT | 13936-2 : 2004 | 5,5 mm |
| | WARP | | 3,1 mm |
| ABRASSION | | EN ISO 12945-2 : 1998 | 18.000 |
| COLOR | RUBBING | BS EN 105-X12 : 2001 | 4-5 |
| | WET | | 4-5 |
| | LIGHT | BS EN 105-B02 : 1994 | 7-8 |
| OIL REPELLENCY | | ISO EN 14419 | 3 |
| SPRAY TEST | | BS EN ISO 1920 | 4-5 |
| FLAMMIBILITY | | EN ISO 1021-1 | Pass |
| ANTI BACTERIAL | | LIS L 1902 | Pass |

COLOR RESISTANCE

| FASTNESS TO | STANDARD | Varies according to the value written next to the product name | | | |
|-------------|-------------------------|--|-----|-----|------|
| | | LOD | OD | OD+ | OD++ |
| LIGHT | BS EN ISO 105-B02 | 7 | 7 | 7/8 | 8 |
| WEATHERING | BS EN ISO 105-B04 | 6 | 6/7 | 7 | 7/8 |
| UV | ASTM G-154 (1200 Hours) | 4 | 4 | 4/5 | 5 |
| WASHING | BS EN ISO 105-C06 40 C | 4/5 | | | |
| SEA WATER | BS EN ISO 105-E02 | 4/5 | | | |
| POOL WATER | BS EN ISO 105-E03 | 4/5 | | | |
| RUBBING | BS EN ISO 105-X12 | 4/5 | | | |

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SUNBRELLA

SOLIDS & STRIPES

ODYSSEY

Solids is the standard classic fabric in our collection. It comes in a range of 50 colours with ottoman, piqué and chiné effects to create a bespoke look. Available in three iconic strips and highly resistant, Solids are adapted to any use.

CLASS B

SOLIDS & STRIPES - ODYSSEY



SJA 5404 137
NATURAL



SJA 3966 137
MARBLE



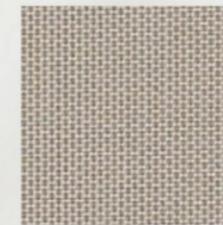
SJA 3741 137
SILVER GREY



SJA 5453 137
CANVAS



SJA 3780 137
LIN



SJA 3988 137
STONE



SJA 3706 137
SHINGLES



SJA 5422 137
ANTIQUE BEIGE



SJA 48009/00 137
ARMOR PEBBLE



SJA 5476 137
HEATHER BEIGE



SJA 3907 137
TAUPE CHINÉ



SJA 3729 137
TAUPE



SJA 3967 137
MINT



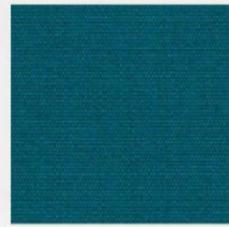
SJA 3970 137
LICHEN



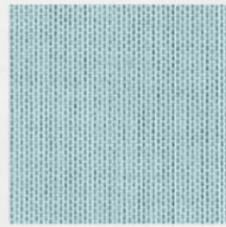
SJA 3738 137
MACAO



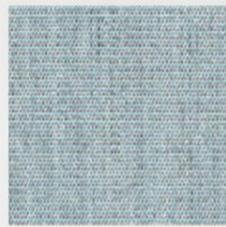
SJA 3987 137
ALPINE



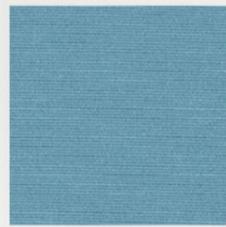
SJA 3944 137
CHARRON



SJA 3964 137
CURAÇAO



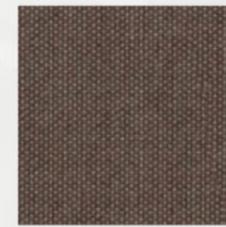
SJA 3793 137
MINERAL BLUE CHINÉ



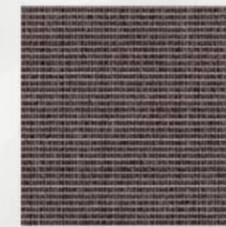
SJA 5420 137
MINERAL BLUE



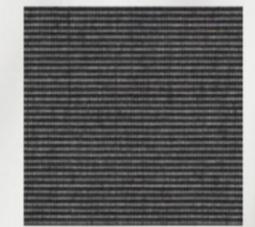
SJA 3737 137
ARDOISE



SJA 3127 137
MINK BROWN



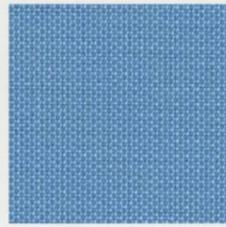
SJA 3792 137
DARK SMOKE



SJA 3705 137
CHARCOAL



SJA 5416 137
ARUBA



SJA 3990 137
MYOSOTIS



SJA 3941 137
ADRIATIC



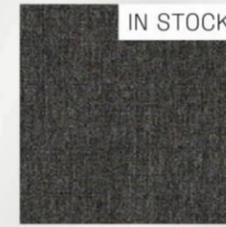
SJA 3717 137
RIVIERA BLUE



SJA 3906 137
CARBON



SJA 3756 137
LEAD CHINÉ



SJA 3757 137
FLANELLE



SJA 3758 137
SOOTY



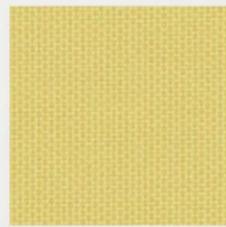
SJA 5499 137
TRUE BLUE



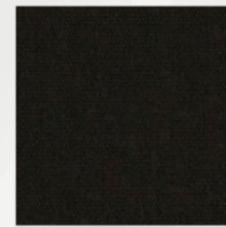
SJA 3942 137
BLUE STORM



SJA 3991 137
BLAZER



SJA 3984 137
CANARY



SJA 5408 137
BLACK



SJA 3778 137
QUADRI GREY



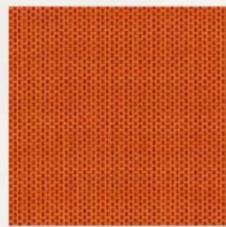
SJA 3777 137
PORTO GREY CHINÉ



SJA 3776 137
PORTO BLUE CHINÉ



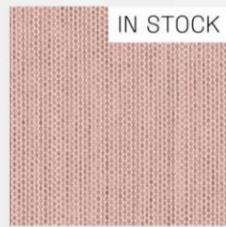
SJA 3938 137
MIMOSA



SJA 3969 137
PUMPKIN



SJA 3939 137
PAPRIKA



SJA 3965 137
BLUSH



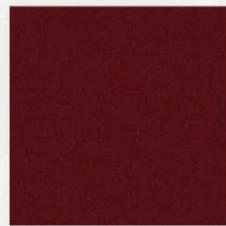
SJA 5477 137
LOGO RED



SJA 3968 137
PEPPER



SJA 3728 137
PARIS RED



SJA 5436 137
BURGUNDY



SOLIDS & STRIPES - ODYSSEY

PRODUCT SPECIFICATIONS

| | STANDARDS NORMES | SOLIDS & STRIPES |
|------------------------------------|-------------------------------|---|
| INFO | | 100% Sunbrella Acrylic 54" / 137 cm width Selvedge is Left / Right |
| VARRANTY | | We stand behind our fabrics with a guarantee that's best in the industry: a 5-year limited warranty for upholstery fabrics, specialty fabrics and decorative shade fabrics. |
| HOW TO CLEAN | | For easy day-to-day maintenance of your Sunbrella fabric: 1-Brush off loose dirt before it becomes embedded 2-Wipe up spills as soon as they occur, and spot-clean fabric before stains set. |
| ZERO LANDFILL | |  For over 30 years, Sunbrella® has recycled its industrial wastes such as yarn and packaging. Today, every Sunbrella® manufacturing facility around the globe sends absolutely no waste to the landfill. |
| COMPOSITION | | 100% Sunbrella® Acrylic |
| FINISH | | Water-Repellent & Stain-Proof |
| MINIMUM USEFULL WIDTH | EN 1773 | 137 |
| WEIGHT | ISO 3801 g/sqm - g/m² | 260 |
| ROLL LENGTH | LM - ML | 50 |
| SPRAY TEST | ISO 4920 Class/5 | 5 |
| COLOUR FASTNESS UV INDOOR | ISO 105B02 Class/8 | 8 |
| COLOUR FASTNESS TO WEATHER OUTDOOR | ISO 105B04 - 1000 H Class / 5 | 4-5 |
| WASH COLOUR FASTNESS 30°C | ISO 105C06 Class/5 | 5 |
| COLOUR FASTNESS DRY FRICTION | ISO 105X12 Class/5 | 5 |
| COLOUR FASTNESS WET FRICTION | ISO 105X12 Class/5 | 5 |
| CARE INSTRUCTIONS | |  Ironing reinforces the treatment |

Cleaning
Vacuum regularly. Wipe with a damp cloth using soap and water or use proprietary upholstery shampoo.
For deeper cleaning use bleach or alcohol.

CERTIFICATIONS



MATTEO

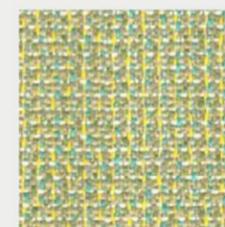
Matteo has a range of 5 living colours and creates an energetic contrast between sparkles of colours and backgrounds.

CLASS B

MATTEO



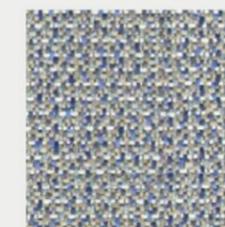
01



10



09



24



25



TECNICAL CHARACTERISTIC

| | | | |
|----------------|---------|-----------------------------------|--------|
| QUALITY NAME | | MATTEO | |
| WIDTH | | 140 CM +/- 1 CM | |
| WEIGHT | | 463 GR/M² | |
| COMPOSITION | | % 100 OLEFIN | |
| TEST | | STANDARD | |
| PILLING | | EN ISO 12945-2 : 2000 (5000 revs) | 5 |
| SEAM SLIPPAGE | WEFT | 13936-2 : 2004 | 3,5 mm |
| | WARP | | 2,5 mm |
| ABRASSION | | EN ISO 12945-2 : 1998 | 28.000 |
| COLOR | RUBBING | BS EN 105-X12 : 2001 | 4-5 |
| | WET | | 4-5 |
| | LIGHT | BS EN 105-B02 : 1994 | 7-8 |
| OIL REPELLENCY | | ISO EN 14419 | 3 |
| SPRAY TEST | | BS EN ISO 1920 | 4-5 |
| FLAMMIBILITY | | EN ISO 1021-1 | Pass |
| ANTI BACTERIAL | | LIS L 1902 | Pass |

COLOR RESISTANCE

| FASTNESS TO | STANDARD | Varies according to the value written next to the product name | | | |
|-------------|-------------------------|--|-----|-----|------|
| | | LOD | OD | OD+ | OD++ |
| LIGHT | BS EN ISO 105-B02 | 7 | 7 | 7/8 | 8 |
| WEATHERING | BS EN ISO 105-B04 | 6 | 6/7 | 7 | 7/8 |
| UV | ASTM G-154 (1200 Hours) | 4 | 4 | 4/5 | 5 |
| WASHING | BS EN ISO 105-C06 40 C | 4/5 | | | |
| SEA WATER | BS EN ISO 105-E02 | 4/5 | | | |
| POOL WATER | BS EN ISO 105-E03 | 4/5 | | | |
| RUBBING | BS EN ISO 105-X12 | 4/5 | | | |

CARE AND MAINTANCE INSTRUCTIONS

- 1- Remove any residual soil by lightly brushing or scraping the stain by sponging down with water
 - 2- If further cleaning needed, apply a solution with soap an water.
Work the solution into stain by lightly scrubbing the area with sponge or very soft bristle brush
 - 3- Remove cleaning solutions with a clean soft towel or sponge to remove the stain and excess cleaning solution.
{ Repeat step 2 and 3 until stain is removed.}
 - 4- Rinse the affected are throughly remove cleaning solution from the fabric
- Vacuum the fabric prior to cleaning
- Do not be alarmed if stain is not removed after first application and removal of cleaning solution
- If the fabric can be removed from furniture it may be cleaned in a mild soap and warm water (40 C°) solution in washing machine and dried in an environment also less then 40 C°.
- Do not steam press or dry in electric or gas dryers. Allow fabric to be air dried naturally

REMARKS

Do not leave your product after 50 C° outside temperature under directly sunlight

Results can be vary region by region

The values for the products my have a varition of +/- %5

Art Picture is for indoor use only

PHIFERTEX

PHIFERTEX



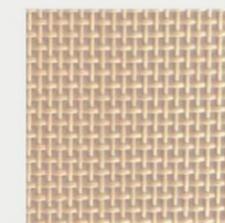
PHF 5001



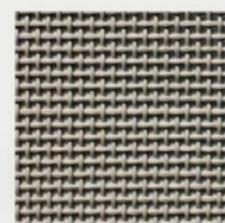
PHF 5110



PHF 5029



PHF 5013



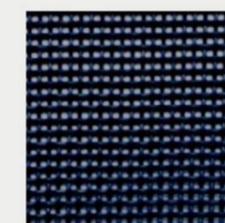
PHF 5014



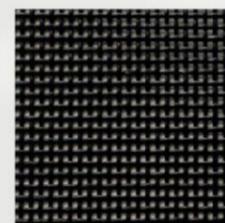
PHF 5003



PHF 5015



PHF 5006



PHF 5005



PHIFER INCORPORATED TEXTILE LAB

TECHNICAL INFORMATION

| CHARACTERISTIC | REFERENCE | NOMINAL RESULTS | |
|--|----------------------------|-----------------|------------|
| | TEST METHOD | WARP | FILL |
| MESH (ends/inch) | ASTM D 3775 | 15 | 15 |
| YARN DIAMETER (inch) | TMS-TM-001 | 0,0267 | 0,0265 |
| ENSILE STRENGTH A) CUT STRIP METHOD (lb) B) GRAB METHOD (lb) | ASTM D 5035 ASTM D 5034 | 259 314 | 266 336 |
| TEARING STRENGTH TRAPEZOID METHOD (lb) | ASTM D 5587 | 77 | 84 |
| STIFFNESS (mg) | ASTM D 3656 | 309 | 329 |
| STRETCH (%) SET (%) | TMS-TM-002 | 1,8 0,1 | 2,8 0,1 |
| MESH WEIGHT (oz/sq yd) | ASTM D 3776 | 12,46 | |
| FABRIC THICKNESS (inch) | ASTM D 1777 | 0,031 | |
| BOND STRENGTH (lb) | CS 248-64(5.5) | 63 | |
| OPENNESS/TRANSMITTANCE (%) | 17 | 26,42 | |
| MULLEN BURSTING STRENGTH(psi) Initial | FS L-S-125B(4.4.7) | >600 | |
| COLORFASTNESS TO 1200HRS Color Change According to AATCC Gray Scale | ASTM G154 | 5 | |

*Results above are based on one test specimen, therefore, no specification has been established and this document can not be used as certification to any specification.



| | |
|--------------------------------|--|
| DURABILITY/CLEANABILITY | Functional and durable, Phifertex fabrics offer excellent performance while withstanding spills, splatters and the hustle and bustle of high traffic areas. These fabrics are easy to maintain – easily cleaned with soap and water or 50/50 bleach to water solution. |
| WARRANTY | Phifer offers a 3-year limited warranty for Phifertex Outdoor Fabrics. This warranty covers the Phifertex Plus Slingable Fabrics fabric becoming non-functional due to loss of dimensional stability from exposure to conditions including sunlight, mildew, rot and normal atmospheric conditions. The warranty does not cover damage to the fabric from any source nor does it cover gradual fading or discoloration from atmospheric pollution or other debris. This warranty remains in effect for 3 years from the date of purchase. Phifer will provide new fabric, free of charge, to replace the non-functioning fabric. This warranty does not cover the cost of labor or other consequential or incidental expenses. |
| GREENGUARD | GREENGUARD Certification ensures products have met some of the world’s most rigorous and comprehensive standards for low emissions of volatile organic compounds (VOCs) into indoor air. Phifer was the first manufacturer in the outdoor fabric industry to achieve GREENGUARD certification. Certification is completely voluntary and ensures that the highest industry standards are being applied to maintain indoor air quality for the health and safety of building occupants. |
| MICROBAN | <p>Phifertex fabrics are the only outdoor furniture fabrics in the world to include Microban protection. Microban antimicrobial protection works continuously to inhibit the growth of bacteria, mold and mildew that can cause stains, odors and product deterioration.</p> <ul style="list-style-type: none"> • Microban antimicrobial protection is infused into Phifertex fabrics for lasting protection that won’t wash off or wear away for the lifetime of the product. • Phifertex fabrics infused with Microban antimicrobial technology are ideal for any commercial or residential environment where microbes are a concern, including healthcare, hospitality, home, office, schools and institutions. |
| FLAME RETARDANCE | <ul style="list-style-type: none"> • National Fire Protection Association, NFPA No. 101, “Life Safety Code”, Class “A” rating. (Tested in accordance to ASTM E84, Surface Burning Characteristics of Building Material.) 17x11 (ASTM E84-16), 25x25 (ASTM E84-15b), 37x15 (ASTM E84-16), Plus (ASTM E84-15b) • International Building Code (IBC), Section 803.1.1, Class “A” rating (Tested in accordance to ASTM E84). • Upholstered Furniture Action Council Fabric Classification Test Method 1990 (UFAC) - Class “1” Rating. • Federal Motor Vehicles Safety Standards, Section 571.302, Standard Number 302 (FMVSS 302), Flammability of Interior Materials. • California Technical Bulletin 117-2013, Section 1, Cover Fabric Test. |

CERTIFICATIONS



SUNBRELLA

NATTÉ

ODYSSEY

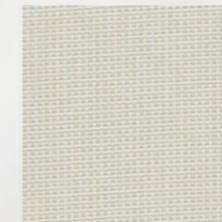
Timeless and versatile, Natté is a classic upholstery fabric. Natural to the eye and elegant to the touch, it is ideal for seats and accessories. Natté comes in a rich palette of colours, luxurious neutrals and new designs in invigorating, sophisticated hues.

CLASS C

NATTE - ODYSSEY



NAT 10020 140
WHITE



NAT 10014 140
NATURE



NAT 10021 140
CANVAS



NAT 10151 140
LINEN CHALK



NAT 10152 140
GRAUMEL CHALK



NAT 10155 140
TAUPE CHALK



NAT 10150 140
HEATHER CHALK



NAT 10028 140
HEATHER BEIGE



NAT 10029 140
HEATHER GREY



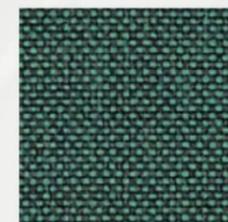
NAT 10235 140
AMBER



NAT 10234 140
FLAMINGO



NAT 10233 140
PISTACHIO



NAT 10232 140
IVY



NAT 10025 140
FROSTY CHINÉ



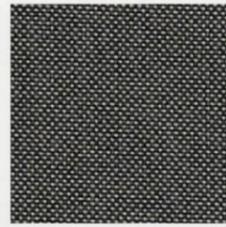
NAT 10064 140
CARBON SKY



NAT 10040 140
NATURE GREY



NAT 10065 140
CARBON BEIGE



NAT 10059 140
DARK TAUPE



NAT 10231 140
CARMINE



NAT 10101 140
TONKA



NAT 10022 140
GREY CHINE



NAT 10063 140
CHARCOAL CHINÉ



NAT 10030 140
SOOTY



NATTE - ODYSSEY

PRODUCT SPECIFICATIONS

| | STANDARDS NORMES | NATTE |
|------------------------------------|-------------------------------|---|
| INFO | | 100% Sunbrella Acrylic 55" / 140 cm width Selvedge is Left / Right |
| VARRANTY | | We stand behind our fabrics with a guarantee that's best in the industry: a 5-year limited warranty for upholstery fabrics, specialty fabrics and decorative shade fabrics. |
| HOW TO CLEAN | | For easy day-to-day maintenance of your Sunbrella fabric: 1-Brush off loose dirt before it becomes embedded 2-Wipe up spills as soon as they occur, and spot-clean fabric before stains set. |
| ZERO LANDFILL | |  For over 30 years, Sunbrella® has recycled its industrial wastes such as yarn and packaging. Today, every Sunbrella® manufacturing facility around the globe sends absolutely no waste to the landfill. |
| COMPOSITION | | 100% Sunbrella® Acrylic |
| FINISH | | Water-Repellent & Stain-Proof |
| MINIMUM USEFULL WIDTH | EN 1773 | 140 |
| WEIGHT | ISO 3801 g/sqm - g/m² | 275 |
| ROLL LENGTH | LM - ML | 50 |
| SPRAY TEST | ISO 4920 Class/5 | 5 |
| COLOUR FASTNESS UV INDOOR | ISO 105B02 Class/8 | 8 |
| COLOUR FASTNESS TO WEATHER OUTDOOR | ISO 105B04 - 1000 H Class / 5 | 4-5 |
| WASH COLOUR FASTNESS 30°C | ISO 105C06 Class/5 | 5 |
| COLOUR FASTNESS DRY FRICTION | ISO 105X12 Class/5 | 5 |
| COLOUR FASTNESS WET FRICTION | ISO 105X12 Class/5 | 5 |
| CARE INSTRUCTIONS | |       Ironing reinforces the treatment |

Cleaning
Vacuum regularly. Wipe with a damp cloth using soap and water or use proprietary upholstery shampoo. For deeper cleaning use bleach or alcohol.

CERTIFICATIONS



SUNBRELLA

SLING

ODYSSEY

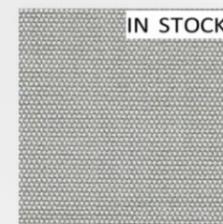
Focusing on subtle patterns that read as textures, Sunbrella Sling allows you to achieve an elevated indoor aesthetic in an outdoor setting. Sunbrella Sling blends the strength of PVC with the softness of Sunbrella acrylic yarn for added comfort. Sunbrella Sling is ideal for crafting fully-upholstered furniture pieces for outdoor patios and other traditional sling applications.

MESH - CLASS C

SLING - ODYSSEY



SLI 50045 07 137
LOGAN SNOWY



SLI 50143 10 137
SAILING SEAGULL



SLI 5928 44 137
AUGUSTINE SILVER



SLI 50045 18 137
LOGAN GRAPHITE



SLI 50045 06 137
LOGAN SAND



SLI 50143 19 137
SAILING SPACE



SLI 50045 02 137
LOGAN TAUPE



5928 0043
AUGUSTINE DENIM



SLING - ODYSSEY

PRODUCT SPECIFICATIONS

| | STANDARDS NORMES | SLING AUGUSTINE | SLING LOGAN | SLING SAILING |
|------------------------------------|-------------------------------|---|--|--|
| INFO | | 20% Sunbrella Acrylic, 80% PES - PVC 54" / 137 cm width Selvedge is Left / Right | 58.8% Sunbrella® Non-Phthalate PVC, 22.1% Sunbrella® Polyester, 19.1% Sunbrella® Acrylic 54" / 137 cm width Selvedge is Left / Right | 47.2% Sunbrella® Non-Phthalate PVC, 35% Sunbrella® Acrylic, 17.8% Sunbrella® Polyester 54" / 137 cm width Selvedge is Left / Right |
| VARRANTY | | We stand behind our fabrics with a guarantee that's best in the industry: a 5-year limited warranty for upholstery fabrics, specialty fabrics and decorative shade fabrics. | | |
| HOW TO CLEAN | | For easy day-to-day maintenance of your Sunbrella fabric: 1-Brush off loose dirt before it becomes embedded 2-Wipe up spills as soon as they occur, and spot-clean fabric before stains set. | | |
| ZERO LANDFILL | |  For over 30 years, Sunbrella® has recycled its industrial wastes such as yarn and packaging. Today, every Sunbrella® manufacturing facility around the globe sends absolutely no waste to the landfill. | | |
| COMPOSITION | | 11% Sunbrella® Acrylic 25% Polyester 64% PVC | 19% Sunbrella® Acrylic 22% Polyester 59% PVC | 35% Sunbrella® Acrylic 17.8% Polyester 47.2% PVC |
| FINISH | | Water-Repellent & Stain-Proof | | |
| MINIMUM USEFULL WIDTH | EN 1773 | 137 | | |
| WEIGHT | ISO 3801 g/sqm - g/m² | 505 | 480 | 580 |
| ROLL LENGTH | LM - ML | 40 | | |
| SPRAY TEST | ISO 4920 Class/5 | - | | |
| COLOUR FASTNESS UV INDOOR | ISO 105B02 Class/8 | 8 | | |
| COLOUR FASTNESS TO WEATHER OUTDOOR | ISO 105B04 - 1000 H Class / 5 | 4-5 | | |
| WASH COLOUR FASTNESS 30°C | ISO 105C06 Class/5 | 5 | | |
| COLOUR FASTNESS DRY FRICTION | ISO 105X12 Class/5 | 5 | | |
| COLOUR FASTNESS WET FRICTION | ISO 105X12 Class/5 | 5 | | |
| CARE INSTRUCTIONS | |  Ironing reinforces the treatment | | |

Cleaning
Vacuum regularly. Wipe with a damp cloth using soap and water or use proprietary upholstery shampoo. For deeper cleaning use bleach or alcohol.

CERTIFICATIONS



SUNBRELLA

IKEBANA

BAHIA

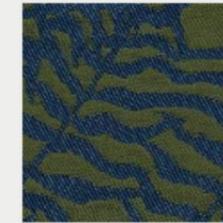
Like a shadow puppet, the design of the Ikebana fabric is displayed across its width, inviting us to enjoy the show. The bold colorful contrasts bring this plant-inspired jacquard to life and transports us to another land. Available in a range of six sparkling colours, Ikebana is ideal for drapes, seats and accessories.

CLASS E

IKEBANA - BAHIA



IKE J369 140
UYUNI



IKE J331 140
BAYOU



IKE J332 140
SAFARI



IKE J330 140
CANOPY



IKE J333 140
POLAR



IKE J334 140
CANYON



IKEBANA - BAHIA

PRODUCT SPECIFICATIONS

| | STANDARDS NORMES | IKEBANA |
|------------------------------------|-------------------------------|---|
| INFO | | 55.1181" x 45.0787" 140.00 cm x 114.50 cm repeat 100% Sunbrella Acrylic 55" / 140 cm width Selvedge is Left / Right |
| VARRANTY | | "We stand behind our fabrics with a guarantee that's best in the industry: a 5-year limited warranty for upholstery fabrics, specialty fabrics and decorative shade fabrics." |
| HOW TO CLEAN | | "For easy day-to-day maintenance of your Sunbrella fabric: 1-Brush off loose dirt before it becomes embedded 2-Wipe up spills as soon as they occur, and spot-clean fabric before stains set." |
| ZERO LANDFILL | |  For over 30 years, Sunbrella® has recycled its industrial wastes such as yarn and packaging. Today, every Sunbrella® manufacturing facility around the globe sends absolutely no waste to the landfill. |
| COMPOSITION | | 100% Sunbrella Acrylic |
| FINISH | | Water-Repellent & Stain-Proof |
| MINIMUM USEFULL WIDTH | EN 1773 | 140 |
| WEIGHT | ISO 3801 g/sqm - g/m² | 525 |
| ROLL LENGTH | LM - ML | 25 |
| SPRAY TEST | ISO 4920 Class/5 | 4 |
| COLOUR FASTNESS UV INDOOR | ISO 105B02 Class/8 | 8 |
| COLOUR FASTNESS TO WEATHER OUTDOOR | ISO 105B04 - 1000 H Class / 5 | 4-5 |
| WASH COLOUR FASTNESS 30°C | ISO 105C06 Class/5 | 5 |
| COLOUR FASTNESS DRY FRICTION | ISO 105X12 Class/5 | 5 |
| COLOUR FASTNESS WET FRICTION | ISO 105X12 Class/5 | 5 |
| CARE INSTRUCTIONS | |       Ironing reinforces the treatment |

Cleaning
Vacuum regularly. Wipe with a damp cloth using soap and water or use proprietary upholstery shampoo.
For deeper cleaning use bleach or alcohol.

CERTIFICATIONS



Upholstery Categories

| CLASS | BRAND | NAME | TYPE |
|-------|-----------|------------------|--------|
| A | IRUSUN | PLAIN MALANGE | FABRIC |
| | ALYA | LIVIO | FABRIC |
| | ALYA | MIRELLA | FABRIC |
| | ALYA | NARIO | FABRIC |
| | ALYA | TELMA | FABRIC |
| | ALYA | VERO | FABRIC |
| B | SUNBRELLA | SOLIDS & STRIPES | FABRIC |
| | ALYA | MATTEO | FABRIC |
| | PHIFERTEX | PHIFERTEX | MESH |
| C | SUNBRELLA | NATTE | FABRIC |
| | SUNBRELLA | SLING | MESH |
| E | SUNBRELLA | IKEBANA | FABRIC |